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CORRES CONTROL
INCOMING LTR NO
03936 RF 94

DUE
DATE

ACTION

DIST	LTR	ENC
BURLINGAME, A H		
BUSBY, W S		
CARNIVAL, G J		
CORDOVA, R C		
DAVIS, J G		
FERRERA, D W		
FRAY, R E		
GEIS, J A		
GLOVER, W S		
GOLAN, P M		
HANNI, B J		
HEALY, T J		
HEDAHL, T G		
HILBIG, J G		
HUTCHINS, N M		
JACKSON, D T		
KELL, R E		
KUESTER, A W		
MARX, G E		
McDONALD, M M		
McKENNA, F G		
MORGAN, R V		
PIZZUTO, V M		
POTTER, G L		
SANDLIN, N B		
SATTERWHITE, D G		
SCHUBERT, A L		
SCHWARTZ, J K		
SETLOCK, G H		
STIGER, S G		
TOBIN, P M		
VOORHEIS, G M		
WILSON, J M		
Mast, E	X	
Bicher, C A	X	
Cygnarowicz, R	X	
Hollowell, L.	X	

CORRES CONTROL	X	X
ADMN RECORD/080	X	2
PATS/T130G		

Reviewed for Addressee
Corres Control RFP

10-19-94 DATE
BY

Ref Ltr #

DOE ORDER # 5400 1

Department of Energy

ROCKY FLATS OFFICE
P O BOX 928
GOLDEN COLORADO 80402-0928

OCT 19 10 10 AM '94

OCT 18 1994

EG&G ROCKY FLATS PLANT
CORRESPONDENCE CONT.

94-DOE-10691

Mr Martin Hestmark
U S Environmental Protection Agency, Region VIII
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Denver, Colorado 80202-2405

Mr Joe Schieffelin, Unit Leader
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Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
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Gentlemen

Preliminary work has started on the Feasibility Study/Corrective Measures Study (FS/CMS) for Operable Unit (OU) No 5 This letter summarizes the Department of Energy's approach in evaluating and selecting remedial options for the Individual Hazardous Substance Sites (IHSSs) located within OU 5 The approach outlined in this letter is consistent with the discussions held with members of your staff

A presumptive remedy approach will be used in evaluating and selecting remedial options for the Original Landfill (IHSS 115) The Filter Backwash Pond (IHSS 196) will be included in the presumptive remedy since it is located within the boundary of IHSS 115 This focused FS will be conducted in accordance with the Environmental Protection Agency's (EPA) Presumptive Remedy guidance for CERCLA Municipal Landfills (EPA 540-F-93-035) and related guidance Per this guidance, a streamlined or limited risk assessment that is focused on groundwater associated with these IHSSs will be conducted Specifically, chemically-specific Applicable or Relevant and Appropriate Requirements (ARAR), such as Maximum Contaminant Levels, will be compared with groundwater contaminant concentrations Any excessiveness in these ARAR values will indicate the need to implement a presumptive remedy In addition to the presumptive remedy study, a slope stability analysis of the Original Landfill site will be completed This analysis will be based on geotechnical data collected during implementation of the Addendum to the Field Sampling Plan for the Remedial Investigation (Technical Memorandum 15) The results of the slope stability analysis will provide data that will be useful in designing a landfill cover (i e , grading, terracing, etc)

All other IHSSs in OU 5 will be addressed using baseline risk assessment and traditional FS/CMS methodology These sites include the Ash Pits (IHSSs 133 1 - 133 4), the former Incinerator Site (IHSS 133 5), the Concrete Wash Pad (IHSS 133 5), Detention Ponds C1 and C2 (IHSS 142 10 and 142 11, respectively), and three Surface Disturbance Areas (IHSSs 209 and two unnamed areas) Prior to conducting the baseline risk assessment, each of these IHSSs listed above will first be examined using Colorado Department of Public Health and Environment conservative screen methodology IHSSs identified by the screen as posing

ADMIN RECORD

A-0005-000633

no significant risk will be eliminated from further risk assessment and feasibility study consideration The results of the conservative screen and the IHSSs eliminated by the screen will be documented in Technical Memorandum 1

If you have any questions regarding the outlined approach, please contact Kurt Muenchow at 966-2184

Sincerely,

Steven W Slaten
IAG Project Coordinator
Environmental Restoration

cc
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J Ciocco, EM-453, HQ
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